

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number
WO 2005/018687 A2

(51) International Patent Classification⁷: **A61L 2/04**, 2/07,
B01J 2/00, 3/00, A61K 9/00

(74) Agents: **RITTER, Stephen, David et al.**; Mathys &
Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(21) International Application Number:
PCT/GB2004/003574

(22) International Filing Date: 19 August 2004 (19.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0319500.5 19 August 2003 (19.08.2003) GB

(71) Applicant (for all designated States except US): **RESOLUTION CHEMICALS LIMITED** [GB/GB]; Wedgwood Way, Stevenage, Hertfordshire SG1 4QT (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GREENWOOD, Alan, Kenneth** [GB/GB]; Resolution Chemicals Limited, Wedgwood Way, Stevenage, Hertfordshire SG1 4QT (GB). **BHATARA, Parveen** [GB/GB]; Resolution Chemicals Limited, Wedgwood Way, Stevenage, Hertfordshire SG1 4QT (GB). **HEMBRA, Gary** [GB/GB]; Resolution Chemicals Limited, Wedgwood Way, Stevenage, Hertfordshire SG1 4QT (GB). **McHATTIE, Derek** [GB/GB]; Resolution Chemicals Limited, Wedgwood Way, Stevenage, Hertfordshire SG1 4QT (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PARTICLE-SIZE REDUCTION APPARATUS, AND USE THEREOF

(57) Abstract: A sterilisable particle-size reduction apparatus, component parts thereof and a method of sterilising and validating sterility thereof are provided. Also provided is use thereof to prepare sterile suspensions of drugs.

WO 2005/018687 A2